## **CLAIMS**

## I claim:

- 1. A cosmetic or pharmaceutical or dermatological compostion containing an effective amount of decorin dissolved or dispersed for topical administration in a cosmetically or dermatologically or pharmaceutically acceptable vehicle.
- 2. The composition of claim 1, wherein said decorin is naturally derived or produced by recombinant means.
- 3. The composition of claim 2, wherein said decorin comprises the human mature core protein set forth as amino acids 1-329 of Sequence ID 6.
- 4. The composition of claim 3, wherein said human decorin core protein is present in an amount between about 0.5 .mu.g/ml and about 5,000 .mu.g/ml.
- 5. The composition of claim 4, wherein said decorin is present in an amount between about 5 .mu.g/ml to about 500 .mu.g/ml.
- 6. A method of treating the skin of a human to combat aging, comprising applying to the skin a cosmetic or dermatological or pharmaceutical compostion containing an effective amount of decorin dissolved or dispersed in a cosmetically or pharmaceutically acceptable vehicle.
- 7. The method of claim 6 wherein the composition comprises decorin naturally derived or produced by recombinant means.
- 8. The method of claim 7 wherein the composition comprises the human decorin core protein set forth as amino acids 1-329 of Sequence ID 6.
- 9. The method of claim 8 wherein the composition comprises decorin in an amount from about 0.5 .mu.g/ml to about 5,000 .mu.g/ml.
- 10. The method of claim 9 wherein the composition comprises decorin in an amount from about 5 .mu.g/ml to about 500 .mu.g/ml.